UNITED STATES GOVERNMENT
FLIGHT INFORMATION PUBLICATION

IFR ENROUTE LOW ALTITUDE - ALASKA

For use up to but not including 18,000' AGL
HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983

EFFECTIVE: 29 JUL 2010 TO 23 SEP 2010

ANCHORAGE AREA

L E G E N D

AIRPORTS

Facilities in BLUE or GREEN have an approved and visible Standard Instrument Approach Procedure (SIAP) and/or Departure Procedure (DP). Facilities in BLACK do not have a published Instrument Approach Procedure or DP, but may have a published Instrument Approach Procedure in the Flight Attitude (NOTAM). Facilities in BROWN do not have a published Instrument Approach Procedure or DP.

LAND
- Civil
- Civil - Military
- Military
- Heliport

SEA
- Civil

1. A solid line box enclosing the airport name indicates Class C or Class D Airspace. Dashed box indicates Class E Surface Area. Airport name without box indicates Class E airspace begins at 1,200' AGL or higher.
2. Airport Operator Information: Telephone numbers, frequencies, hours of operation, etc. are shown for airports without Control Towers.
3. Airport Elevation
4. Airport Traffic Service and Airspace Information: Effective hours of operation are shown for airports with Control Towers, Class C or Class D Airspace.
5. Lighting Capability
   - Lighting available sunset to sunrise. No symbol indicates no lighting information is available.
6. Fuel Available
7. Runway Information: Runway diameter, composition, and lighting are shown.
8. Runway Length
   - Longest runway length in hundreds of feet. Runway number is the magnetic azimuth value of the runway centerline.
9. Runway Width
   - Runway width in feet.
10. Runway Composition
    - Hard surface
    - Soft surface
    - Water
11. Runway Lighting
    - Runway lights in operation sunset to sunrise unless otherwise indicated.
12. Runway Closed
    - Runway closed.

A. Private - Use
B. Ownership, Management, Restrictions
C. Airport Beacon
D. Segmented Circle
E. Traffic Pattern
F. Runway Information
G. Runway Lighting
H. Remarks

NAVAIDS

VHF/UHF Data is depicted in BLACK (if DME Data is depicted in BROWN)

VHF/UHF Data is depicted in BLUE (if DME Data is depicted in BLUE)

VOR, VOR/DME, VORTAC, VOR/TAC

Compass Locator Outer

Compass Locator Inner

Flight Service Station (FSS), Remote Communications Outlet (RCO) or Enroute Flight Advisory Service (EFAS) (AFSS/FSS may have TWEB, Hourly Weather Broadcast or Voice Broadcast)

LS Localizer Course with additional navigational facilities

COMMUNICATION BOXES

NAME (FSS)
(000.0 XXX 000.0)

NAME (RCO)
(000.0 000.0)

NAME (EFAS)
(000.0 000.0 122.1R)

NAME (ATIS)
(000.0)

NAME (ARTCC)
(000.0 000.0 135.1)

Shaded NAVAID box indicates NAVAID has voice capability.

Radio frequency shown for the NAVAID is the transmit frequency. Other frequency at the named FSS and/or enroute communications facility.

Text box NAMED below without a frequency indicates remote communications facility.

Shaded NAVAID box indicates Flight Service Station (FSS), Remote Communications Outlet (RCO) or Enroute Flight Advisory Service (EFAS) is available at many FSSs and one will relay your transmissions to any aircraft in your area. When calling Flight Advisory Service, use ALTO. Frequency transmit is normally available only at the height shown in the box.
- R - Receive only
- T - Transmit only

NAVAIDS

HI-ILS/VOR/DME or MLS/VOR/DME with DME Channel Number

VOR

VOR/DME, VORTAC, VOR/TAC

LF/MF Non-directional Radiobeacon

HF/MF Non-directional Radiobeacon

Compass Locator Outer

Compass Locator Inner

Flight Service Station (FSS), Remote Communications Outlet (RCO) or Enroute Flight Advisory Service (EFAS) (AFSS/FSS may have TWEB, Hourly Weather Broadcast or Voice Broadcast)

LS Localizer Course with additional navigational facilities

TACAN FIX DATA

Bearing and Distance from TACAN

Distance from TACAN

Bearing from TACAN

Distance from TACAN

COMMUNICATION BOXES

NAME (FSS)
(000.0 XXX 000.0)

NAME (RCO)
(000.0 000.0)

NAME (EFAS)
(000.0 000.0 122.1R)

NAME (ATIS)
(000.0)

NAME (ARTCC)
(000.0 000.0 135.1)

Shaded NAVAID box indicates NAVAID has voice capability.

Radio frequency shown for the NAVAID is the transmit frequency. Other frequency at the named FSS and/or enroute communications facility.

Text box NAMED below without a frequency indicates remote communications facility.

Shaded NAVAID box indicates Flight Service Station (FSS), Remote Communications Outlet (RCO) or Enroute Flight Advisory Service (EFAS) is available at many FSSs and one will relay your transmissions to any aircraft in your area. When calling Flight Advisory Service, use ALTO. Frequency transmit is normally available only at the height shown in the box.
- R - Receive only
- T - Transmit only

AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION

ROUTE DATA

VHF/UHF Data is depicted in BLACK (if DME Data is depicted in BROWN)

VHF/UHF Data is depicted in BLUE (if DME Data is depicted in BLUE)

VOR, VOR/DME, VORTAC, VOR/TAC

Unconfirmed or Part Time

Oceanic Route

RNAV Route

Low Altitude Airway Segment

Very Low Altitude Airway Segment

Undefined Route

Substitute Route

Direction of Flight

Preferred Route (Coded Jet Route)

Radial indicator from VOR/VORTAC/TACAN

Radial indicator from VOR/VORTAC/TACAN (Off Airway Route)

Mileage between Fixes, Navaids, Waypoints or Airports

Mileage between offset Waypoints and Navaids or Waypoints

Changeover Point (COP) (Number indicates Distance to Facility)

Minimum Obstruction Clearance Altitude (MOCA)

Minimum Enroute Altitude (MEA) (GPS/WAAS MEA)

Minimum Authorized Altitude (MAA)

MEA, MOCA and/or Minimum Reception Altitude (MRA)

Minimum Crossing Altitude (MCA)

Floating Pattern with max restricted airspace (Pattern may be located anywhere in area for aircraft to avoid entering restricted airspace)

AIR/GROUND REPORTING REQUIREMENTS

Fix Compulsory and Pilot Compulsory Position Report

RNAV Waypoint Compulsory and Non-Compulsory

Domestic DME Fix

Domestic name not on this message

Domestic DME Fix and NAVAID

Offset name not on this message (Offset Reference Bearing, outbound from Fix)

Offset name not on this message (Offset Reference Bearing, outbound from NAVAID)

Mileage Breakdown at Compulsory Reporting Points

EXAMPLE OF GROUPING

Magnetic Reference Bearings from VOR/VORTAC to VOR/VORTAC or NDB

Airway Restriction (Direction of Flight Prohibited or Restricted)

Airway Number

Airway Restriction (Time of Use)

Airway Restriction (Altitude Restriction)

MEA is established on all segments of this route unless signed otherwise.

MILITARY TRAINING ROUTES (MTRs)

IR Low IFR Enroute Route

VR Low VFR Enroute Route

MTRs greater than 5 NM either or both sides of centerline

MTRs less than 5 NM either or both sides of centerline

Arrow indicates direction of route

See MTR Appendix for Effective Hours of Operation. If no MTR Appendix is shown, see Chart Note. CAUTION: Heat Seeker Ejection Hazard

BOUNDARIES

Air Route Traffic Control Center (ARTCC)

ARTCC Boundary Segment Where Different VHF and Ultra High (UHF) Frequencies are Used

FSS Boundary

Name of Area Traffic Service

ATS Route

Oil Delivery Identification Zone (ADIZ)

Oil Noise Elimination Operations Altitude

Domestic 12,500 Feet

International Boundary

Air station with call sign Flight Service Station

US/Russia Maritime Boundary

Area of Enlarged-unit Symbols are easy to see through Terrain. See Area Chart for complete data.

Official Time Zone

International Date Line

AIRSPACE INFORMATION

Class name (service) indicates controlled airspace. Unless otherwise indicated, the airspace is 14,500' MSL up to but not including FL180.

Class E (airways) - indicates Class E airspace begins at 1,200' AGL or higher.

Class E (control) - indicates controlled airspace extends down to the surface.

Class G - indicates uncontrolled airspace (from the surface to 14,500' MSL).

Class B Class C Class D Class E Class G

Mode C Area (10 NM radius from 3 NM to 10,000')

SPECIAL USE AIRSPACE

Prohibited Area (P)

Restricted Area (R)

Warning Area (W)

MOA - Military Operations Area

ATCAA - Air Traffic Control Assigned Airspace

Low altitude alternate route (Military)

Temporary Flight Restrictions (TFR)

CRUISING ALTITUDES - U.S.

Use altitudes or flight levels (FL) appropriate to the magnetic course flown.

MISCELLANEOUS

ALTIMETER SETTING REGIONS

Altimeter setting issued hourly

All Mileages are Nautical except as noted

Elevations and Altitudes are in Feet MSL unless noted

All Altitudes are MSL except as noted

Class B airspace area charts are published in this booklet

Class C airspace area charts are published in this booklet

Class D airspace area charts are published in this booklet

Terminal Radar Service Area (TRSA) Charts are published in this booklet

Area Navigation (RNAV) Standard Instrument Departure (DP) 19102 Effective Date

Area Navigation (RNAV) Standard Terminal Arrival (STAR) 19102 Effective Date

FOR ADDITIONAL SYMBOLS INFORMATION REFER TO IFR CHART USER'S GUIDE

Overlap Chart AK L-3 and CANADA AND NORTH ATLANTIC Chart NI LO-5

Overlap Chart AK L-3

Overlap Chart AK L-3 and CANADA AND NORTH ATLANTIC Chart NI LO-5